

Amdt. dated September 27, 2005
Reply to Office action of June 28, 2005

Serial No. 09/848,166
Docket No. AUS920000712US1
Firm No. 0072.0038

REMARKS/ARGUMENTS

On September 9th, the attorney for Applicants and the Examiner had a phone interview discussing adding the requirements found in dependent claims 10, 32, and 54 to the independent claims 1, 18, 23, 40, 45, 62, and 67. The attorney explained the patentability of the added requirements over the cited art and the Examiner said that the rejection would be reconsidered in view of such an amendment. The Examiner also indicated that this amendment would be entered because Applicants are adding requirements already present in the dependent claims to the independent claims. Thus, this amendment does not necessitate further searching because the Examiner has already searched on the requirement found in claims 10, 32, 54, and 69.

Applicants submit that the amended claims are patentable over the cited art for the reasons discussed herein.

1. Claims 18-22, 40-44, and 62-66 are Patentable Over the Cited Art

The Examiner rejected claims 18-22, 40-44, and 62-66 as anticipated (35 U.S.C. §102(e)) by Blants (U.S. Patent No. 6,732,080). Applicants traverse.

Amended independent claims 18, 40, and 62 concern generating a calendar for a personal information management program, and require: receiving selection of a time interval; for the selected time interval, determining position coordinates of a wireless device and time information indicating a time when the position coordinates were generated, wherein a user is associated with the wireless device; and processing the position coordinates and time information to determine information on locations and associated time periods, wherein for each determined location and associated time period, the user of the wireless device was located at the location for the associated time period; processing the position coordinates and time information to determine whether a change in a series of position coordinates indicates a predefined activity occurring during an activity time period during which the position coordinates were generated; determining activity time periods that are within the selected time interval; generating information on the predefined activities for activity time periods within the selected time interval; and displaying information on the determined locations and time periods where the user of the wireless device was located for the selected time interval.

As discussed, Applicants added the requirements of claims 10, 32, and 54 to the independent claims.

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The Examiner cited Figs. 2, 3, 5, col. 8, lines 11-49, col. 1, lines 50-55, col. 12, line 53 to col. 13, line 15, and col. 13, lines 63-67 of Contractor as teaching the additional requirements of claims 10, 32, and 54 (Final Office Action, pg. 9), whose requirements were added to the independent claims 18, 40, and 62. Applicants traverse the findings that the cited Contractor teaches the requirements of claims 10, 32, and 54.

The cited col. 8 mentions displaying a date when the service person is to make visits and a list of sites visited or scheduled to visit. Further, the appointment time is provided in expected time 230 in the displayed schedule of FIG. 2, along with the street address. The cited col. 8 discusses displaying information on sites a service person is supposed to visit. Nowhere is there any teaching or suggestion of the claim requirements of processing the position coordinates and time information to determine whether a change in a series of position coordinates indicates a predefined activity. Instead, the cited col. 8 displays information on locations to visit, and does not teach or suggest providing information based on a change in a series of position coordinates that indicates a predefined activity.

The cited col. 10 discusses confirming a visit to a site and displaying the time confirmation was made that a site in the site list was visited. The cited col. 10 provides information on whether a site was visited. Nowhere is there any teaching or suggestion of the claim requirements of processing the position coordinates and time information to determine whether a change in a series of position coordinates indicates a predefined activity. There is no teaching of considering a change in a series of position coordinates to determine whether such change in coordinates indicates a predefined activity. Instead, the cited col. 10 discusses scheduled locations that were visited.

The cited cols. 12-13 discuss a service person track report of FIG. 5. FIG. 5 shows locations that a service person visited, by street address. Locations actually visited may be displayed in a different manner, such as underscored, color coded, etc., to distinguish from sites not visited. Although the cited FIG. 5 shows a mapping of site location to visit and visited, nowhere does the cited FIG. 5 anywhere teach or suggest determining whether a change in a series of position coordinates indicates a predefined activity. There is no teaching in the cited FIG. 5 of analyzing a change in a series of position coordinates as claimed. Further, the locations shown in FIG. 5 include locations that were not visited. Such unvisited locations would not be part of changed position coordinates that indicate a predefined activity.

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The cited col. 13, lines 63-67 discusses comparing a time a service person was at a location with a visit duration parameter. Although the cited Contractor discusses determining a time the service person was at a site, nowhere is there any teaching or suggestion of the claim requirement of determining whether a change in a series of position coordinates indicates a predefined activity.

The above cited Contractor discusses providing information on sites a service person has visited and time they spent at the site. However, there is not teaching, suggestion or mention in the cited Contractor of the claim requirement of determining whether a change in a series of position coordinates indicates a predefined activity. There is no mention of analyzing a service persons change of positions to determine whether such change indicates a predefined activity.

Moreover, the above cited Contractor also fails to teach or suggest the additional added requirements concerning the predefined activity, such as determining activity time periods that are within the selected time interval, generating information on the predefined activities for activity time periods within the selected time interval, and displaying information on the determined locations and time periods where the user of the wireless device was located for the selected time interval.

For all the above reasons, Applicants submit that the requirements of claims 10, 32, and 54 added to claims 18, 40, and 62 are not taught in the cited Contractor the Examiner referenced as teaching the requirements of claims 10, 32, and 54.

Accordingly, Applicants submit that amended claims 18, 40, and 62 are patentable over the cited art because the added requirements distinguish over the cited art.

Claims 19-22, 41-44, and 63-66 are patentable over the cited art because they depend from one of claims 18, 40, and 62, which are patentable over the cited art for the reasons discussed above. The below discussed dependent claims provide further grounds of distinction over the cited art.

Claims 19, 41, and 63 depend from claims 18, 40, and 62 and further require determining scheduled events for the user within the selected time interval and displaying information on the scheduled events within the time interval adjacent to the displayed information on the determined locations and time periods where the user was located for the selected time interval.

The Examiner cited col. 3, lines 15-24, col. 6, lines 42-67, and col. 12, lines 31-40 of Blants as disclosing the claim requirement of displaying information on the scheduled events

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within the time interval adjacent to the displayed information on the determined locations and time periods where the user was located for the selected time interval. (Office Action, pg. 4) Applicants traverse.

The cited col. 3 mentions that a calendar at the server transmitted to the mobile terminal contains a number of events each having properties such as location and time and the mobile terminal has a physical location which may be detected. The cited col. 3 does not disclose nor mention displaying information on scheduled events adjacent to information on the determined locations and time periods where the user was located for the selected time interval.

The cited col. 6 mentions displaying a calendar at a mobile terminal, transmitted by a server, including scheduled calendar user services that have associated a scheduled time and location at which the user service is provided to the user. Although the cited col. 6 discusses scheduling user services and displaying scheduled user services in a calendar at a mobile device, nowhere does the cited col. 6 disclose or mention displaying information on scheduled events adjacent to information on the determined locations and time periods where the user was located for the selected time interval. The cited col. 6 mentions displaying information on the time of a scheduled event, but nowhere discloses the claim requirement of displaying information on scheduled events adjacent to information on the determined locations where the user as actually located.

The cited col. 12 mentions storing a current location from the mobile terminal and a GUI to display the calendar of the user. The mobile terminal may have multiple displays for cellular communications and the personal calendar. Although the cited col. 12 discusses displaying personal calendars and cellular communications in different displays, nowhere does the cited col. 12 disclose or mention displaying information on scheduled events adjacent to information on the determined locations and time periods where the user was located for the selected time interval.

The cited col. 13 discusses displaying event, event time, event location and event type information and the x, y, z position coordinates from the GPS receiver. The displayed position coordinates mentioned in col. 13 are the position coordinates of the event on the schedule of the user of the mobile device. Although the cited col. 13 discusses displaying information on a scheduled event, such as the position coordinates of the scheduled event, see FIG. 3, nowhere does the cited col. 13 disclose or mention displaying information on scheduled events adjacent to

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information on the determined locations and time periods where the user was located for the selected time interval. Instead, the cited col. 13 and corresponding FIG. 3 discuss displaying information on the scheduled events, not the determined locations where user was located during the scheduled events as claimed.

Accordingly, claims 19, 41, and 63 are patentable over the cited art for the reasons because the additional requirements of these claims are not disclosed in the cited art.

2. Claims 1-17, 23-39, 45-61, and 67-72 are Patentable Over the Cited Art

The Examiner rejected claims 1-17, 23-39, 45-61, and 67-72 as obvious (35 U.S.C. §103(a)) as obvious over Chern (U.S. Pub. No. 2003/0060211) in view of Contractor (U.S. Patent No. 6,847,824). Applicants traverse for the following reasons.

Amended independent claims 1, 23, 45, and 67 concern providing user location information for a personal information management program, and require: generating position coordinates of a wireless device and time information indicating a time when the position coordinates were generated, wherein a user is associated with the wireless device; processing the position coordinates and time information to determine information on locations and associated time periods, wherein for each determined location and associated time period, the user of the wireless device was located at the location for the associated time period; processing the position coordinates and time information to determine whether a change in a series of position coordinates indicates a predefined activity occurring during an activity time period during which the position coordinates were generated; determining activity time periods that are within the selected time interval; and generating information on the predefined activities for activity time periods within the selected time interval.

Applicants added the requirements of claims 10, 32, 54, 69 to claims 1, 23, 54, and 67.

Above, Applicants explained why the requirements of claims 10, 32, and 54 added to the independent claims distinguish over the sections of Contractor the Examiner cited. For the above discussed reasons, Applicants submit that amended independent claims 1, 23, 54, and 67 distinguish over the cited art and are in condition for allowance.

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Claims 2-17, 24-39, 46-61, and 68-72 are patentable over the cited art because they depend from claims 1, 23, 45, and 67, respectively. The following discussed dependent claims provide additional grounds of patentability over the cited art.

Conclusion

For all the above reasons, Applicant submits that the pending claims 1-72 are patentable over the art of record. Applicants have not added any claims. Nonetheless, should any additional fees be required, please charge Deposit Account No. 09-0447.

The attorney of record invites the Examiner to contact him at (310) 553-7977 if the Examiner believes such contact would advance the prosecution of the case.

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